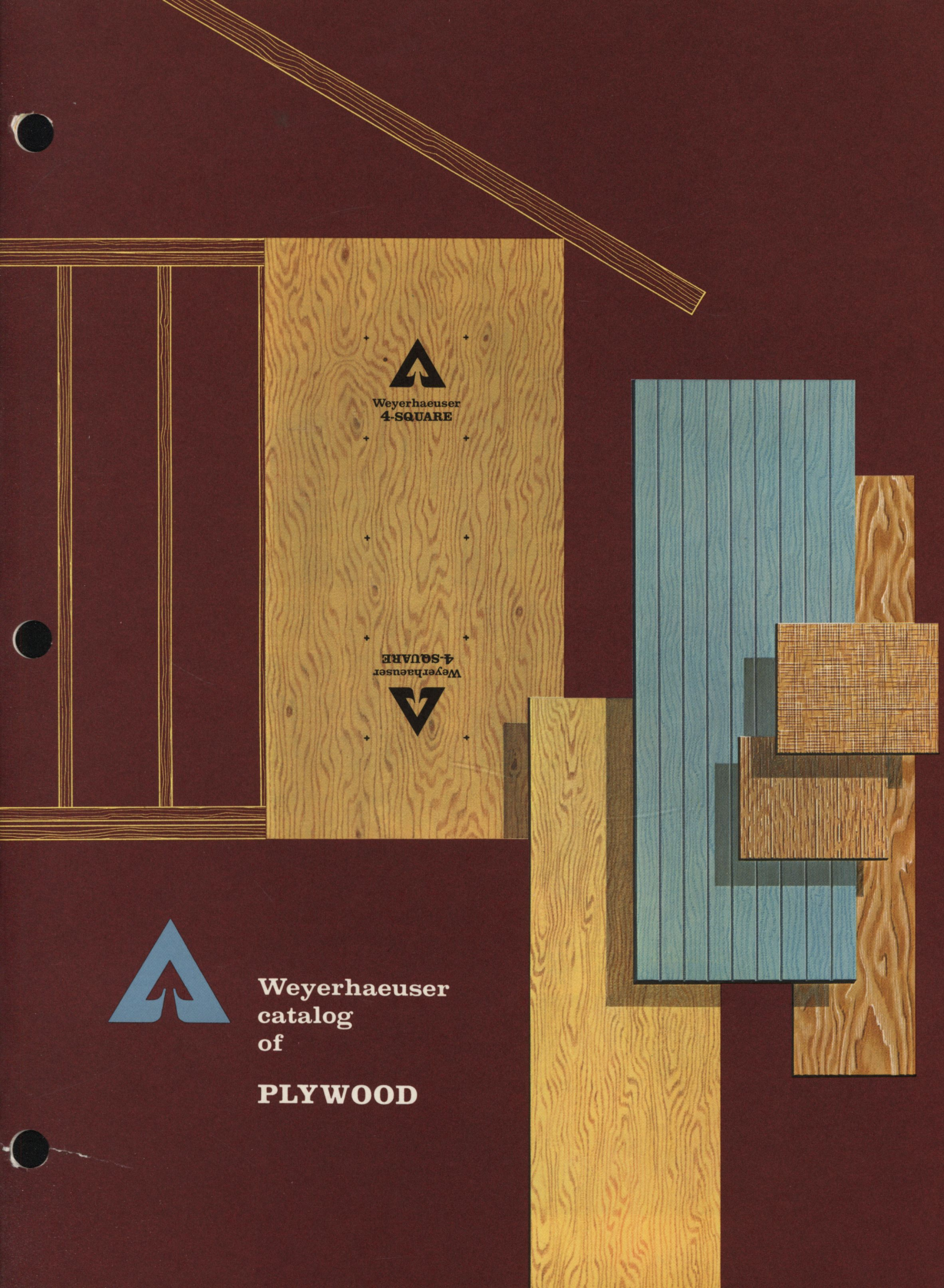


Weyerhaeuser catalog of PLYWOOD

Digitized by: The Association for Preservation Technology
From the collection of: Floyd Mansberger, Fever River Research
www.IllinoisArchaeology.com

Weyerhaeuser now offers...

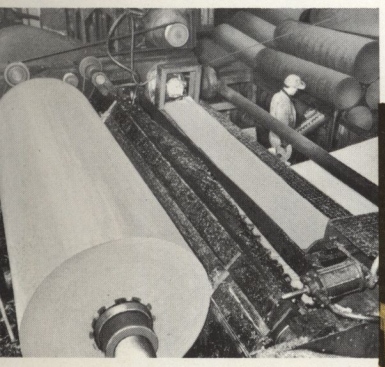
- **a full line of quality plywoods**
- **sized to meet all your building needs**

Weyerhaeuser, the best known name in lumber, is rapidly becoming the best known name in plywood. In this catalog you'll find plywoods to meet all your building needs . . . available in a wide range of sizes and grades from your Weyerhaeuser 4-Square lumber and plywood dealer.

This is plywood of extra high quality. Logs selected from Weyerhaeuser tree farms are processed in modern plants, equipped with the latest equipment available. They are carefully centered in the lathe for straight grain and accurately pealed to within 1/1000 of an inch.

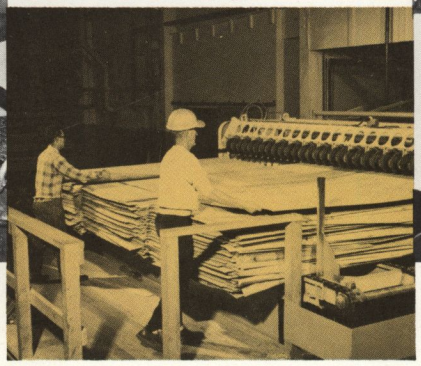
Veneers are Kiln-Dried for even moisture content, and laminated with fungus proof "Ply-Grip" glue to form a moisture resistant interior bond, or waterproof exterior bond. In the giant plywood press, all panels are subject to the exact heat and pressure needed for even glue curing and maximum strength glue bonding.

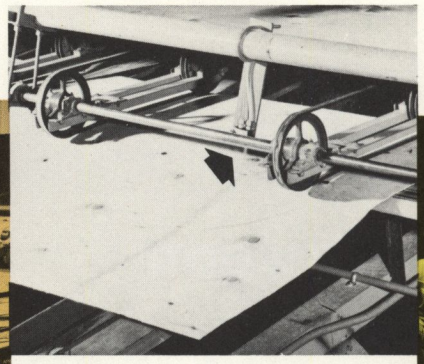
Every Weyerhaeuser plywood panel must pass a rigid quality control, research and testing program insuring that it meets or exceeds the specifications set forth by plywood industry associations.



Massive logs, carefully centered in giant lathes for straighter grain, are pealed into large ribbons of veneers with accuracy to 1/1000 of an inch.

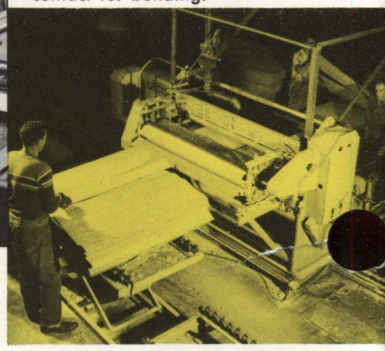
Sheets of freshly cut veneer are dried evenly in large ovens called kilns, where heat and relative humidity levels are controlled automatically.





A radar-type moisture detecting machine scans every sheet of veneer as it leaves the dry kiln, dye-marking sheets that must be returned for special drying schedules.

The precision rollers of this glue spreader apply a uniform layer of exclusive Weyerhaeuser "Ply-Grip" glue to each side of the veneer, insuring maximum contact for bonding.



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All Weyerhaeuser 4-Square Plyscord Sheathing is conditionally guaranteed against delamination. Fungus proof "Ply-Grip" glue, used in all plywood panels, insures greater strength and lamination power . . . forms a water resistant interior bond, or water-proof exterior bond.

PERFORMANCE GUARANTEE

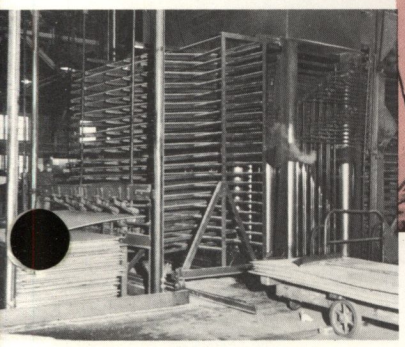
*Plyscord Sheathing

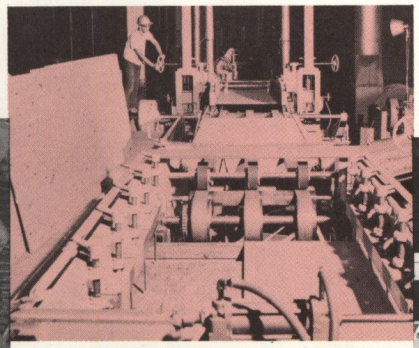
GUARANTEE AGAINST DELAMINATION

Weyerhaeuser Company
Lumber and Plywood Division

*See back cover for Plyscord guarantee.

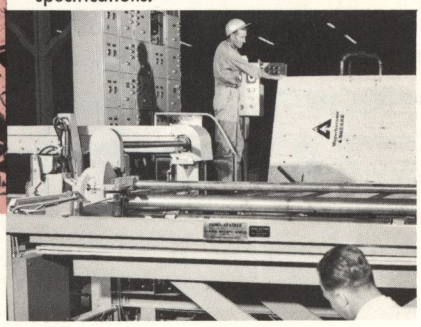
In this giant hot press, the plywood is assured the exact heat and pressure needed for even glue curing and "full strength" glue bonding.





This scientifically accurate machine trims ends and edges perfectly square. As a final check, panels are again calibrated to insure proper width, length and thickness.

Inspectors check and grade each panel prior to shipment. These testing procedures plus seven quality control steps insure that all Weyerhaeuser plywood meets or exceeds plywood association specifications.



panels from 2′ x 6′ to 5′ x 50′

sanded

interior

Interior type plywood is made with a highly moisture resistant, but not absolutely waterproof, glue. It is best used in applications where there is limited exposure to weather and moisture conditions.

standard: All panels sanded two sides (S2S). Also available panels 5′ wide.

sizes: 4′ x 6′, 7′, 8′, 9′ & 10′

grades: A-A, A-B, A-D, & B-D

ply and thickness: 3 ply ¼″ & ⅜″; 5 ply ½″, ⅝″ & ¾″; 7 ply ¾″

small-size panels: All panels sanded two sides (S2S). Sizes other than indicated available through inquiry.

sizes: 2′ x 6′, 7′, & 8′; 30″ x 8′; 36″ or 42″ x 6′, 7′ & 8′

ply and thickness: 3 ply ¼″ & ⅜″; 5 ply ½″, ⅝″ & ¾″

large size panels: All panels sanded two sides (S2S). Sizes ranging from 4′ x 11′ to 5′ x 50′ are available through special inquiry.

N (natural) faces: All panels sanded two sides (S2S). Other sizes and grooving patterns available through special inquiry.

sizes: 4′ x 8′

grades: ND, NA, NN, *GND, *GNA, *GNN, **GNGN

ply and thickness: 3 ply ¼″ & 5 ply ¾″

standard grooving pattern: 6″-10″-8″-8″-6″-10″

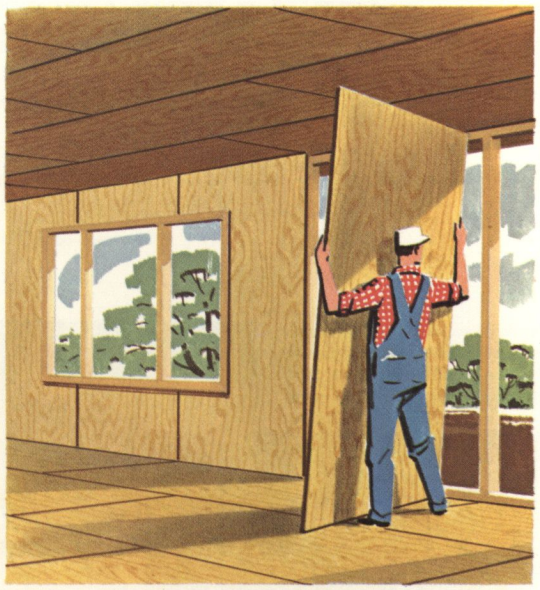
*"N" face Vee Grooved
**Both "N" faces Vee Grooved

A-B solid and jointed core: All panels sanded two sides (S2S). A-B solid and jointed core Douglas fir interior is specifically designed for use in cabinet and wardrobe doors where core gaps and voids are not desired. Submit inquiry for grades and sizes not shown.

sizes: 4′ x 7′ & 8′

grades: A-B

ply and thickness: 3 ply ⅜″; 5 ply ½″, ⅝″ & ¾″



plywoods

exterior

All exterior type plywoods are made with a completely waterproof "Ply-Grip" glue forming a bond stronger than the durable veneer itself. Always use exterior type when panels are exposed to heavy weather and moisture conditions.

standard: All panels sanded two sides (S2S). Also available panels 5′ wide.

sizes: 4′ x 6′, 7′, 8′, 9′ & 10′

grades: A-A, A-B, A-C, B-C

ply and thickness: 3 ply ¼″ & ⅜″; 5 ply ½″, ⅝″ & ¾″; 7 ply ¾″

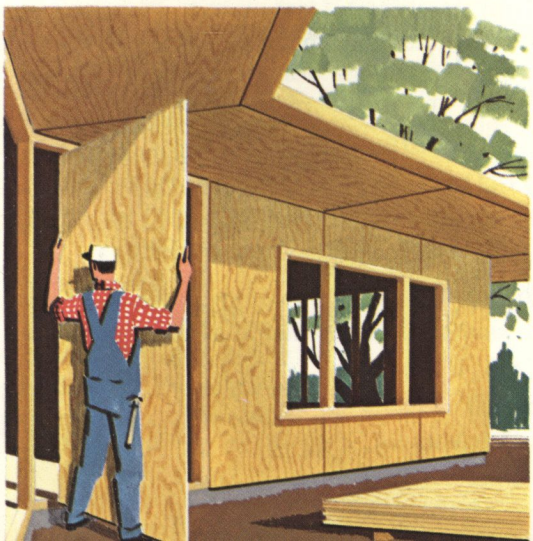
small size: All panels sanded two sides (S2S).

sizes: 2′ x 6′, 7′ & 8′; 30″ x 8′; 36″ or 42″ x 6′, 7′ & 8′

grades: A-A, A-B & A-C

ply and thickness: 3 ply ¼″ & ⅜″; 5 ply ½″, ⅝″ & ¾″

large size: All panels sanded two sides (S2S). Also available in panels 5′ wide. Submit inquiries for lengths longer than 28′ up to and including 50′.



sizes: 3′ x 10′+ thru 28′; 4′ x 10′+ thru 28′

grades: A-A, A-B, A-C

ply and thickness: 3 ply ¼″ & ⅜″; 5 ply ½″, ⅝″ & ¾″

marine exterior: All panels sanded two sides (S2S). Only Coast type fir veneers are used. Scarf joints slope no greater than 1″ to 12″. Core gaps and edge splits on either edge of panel do not exceed ⅛″ in width, and are limited to four per 8 feet of cross-band layer. Also available panels 5′ wide. "B" faces and backs when specified. All inner plies conform to "B" quality veneer requirements.

sizes: 4′ x 8′+ thru 50′

grades: A-A, A-B

ply and thickness: 3 ply ¼″ & ⅜″; 5 ply ⅜″, ½″, ⅝″ & ¾″; 7 ply ¾″

Plyform: Exterior Plyform panels oiled and edge sealed. Also available panels 5′ wide.

sizes: 4′ x 6′, 7′, 8′, 9′ & 10′

grades: B-B

ply and thickness: 5 ply 9/16″, ⅝″ & ¾″; 7 ply ¾″

utility table tops and bases: Table tops available in interior or exterior type, sanded two sides (S2S). Standard utility table bases, ordered separately from table tops, consist of ¾″ thick A-C exterior legs, and ¾″ A-D interior frames.

table top sizes: 60″ x 54″; 60″ x 108¼″

grades: A-C & better

thickness: ⅝″ & ¾″

sheathing plywoods

additional reasons to specify Weyerhaeuser plywood sheathing

Ply-Grip glue: Weyerhaeuser sheathing plywoods are available with either interior or exterior type "Ply-Grip" glue. These glue bonds are actually stronger than the durable veneer itself . . . with "built-in" qualities that give extra "on-the-job" performance.

Nailing marks: Nailing guides printed on the face of every sheet of Weyerhaeuser Plyscord Sheathing mean greater savings in labor time and material costs. Large modular panels are fastened into place quickly and easily. These guides enable you to hit framing targets accurately, reducing the amount of nails wasted during application. And you'll find chalk-lining unnecessary when using Weyerhaeuser Plyscord Sheathing.

Dri-Edge seal: All edges of Weyerhaeuser Plyscord Sheathing are protected with "Dri-Edge" seal . . a permanent special coating which resists water for the life of the panel. Weyerhaeuser Plyscord Sheathing is guaranteed against delamination, with Dri-Edge seal and Ply-Grip glue providing outstanding protection for panels in storage, at the job site, and even more important, in the building itself.

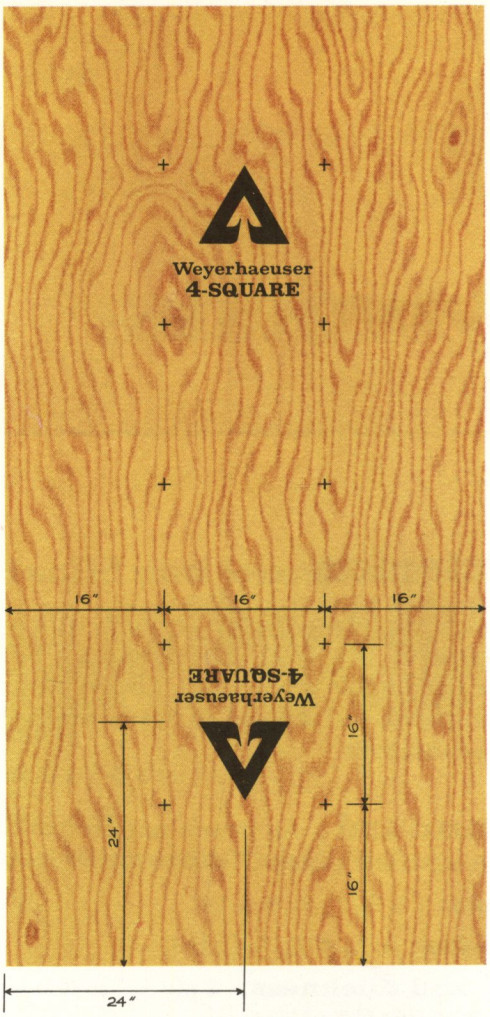
standard sheathing

interior: Interior rough Plyscord Sheathing is bonded with water resistant, but not waterproof, Ply-Grip glue and carries a written guarantee against delamination. It is best used in applications where there is limited exposure to weather and moisture conditions.

sizes: 4′ x 8′, 9′ & 10′

grades: C-D

ply and thickness: 3 ply 5/16″ & ⅜″; 5 ply ½″, ⅝″ & ¾″



Explanation of nailing guides:

Sheets of Weyerhaeuser Plyscord Sheathing are marked both 16″ and 24″ on center to save labor time and material costs in both vertical and horizontal applications. The 16″ o.c. markings, numbering ten in total, are designated by crosses dotting the full panel length on each side. The panel is divided vertically 24″ o.c. by the apex of both triangles. The two foot markings horizontally are indicated by an imaginary line running parallel through the base of each triangle, and by the two crosses at the center of the panel.

exterior: Exterior rough Plyscord Sheathing is bonded with completely waterproof Ply-Grip glue, and carries a written guarantee against delamination. Always use exterior type when panels are exposed to heavy weather and moisture conditions.

sizes: 4′ x 8′, 9′ & 10′

grades: C-D

ply and thickness: 3 ply 5/16″ & ⅜″; 5 ply ½″, ⅝″ & ¾″

plug and touch: Interior and exterior plug and touch sanded. Also available in panels 5′ wide.

sizes: 4′ x 8′, 9′ & 10′

grades: C-D

ply and thickness: 3 ply 5/16″ & ⅜″; 5 ply ½″, ⅝″ & ¾″

underlayment: Underlayment grade plywood is specifically designed to meet the growing need for a building product upon which can be laid many of the modern floor coverings, such as vinyl tile, asphalt tile, cork tile, linoleum and other plastic floor products. Veneers adjacent to the face are of a "C" or better [redacted] grade to eliminate those large voids, which ordinarily reduce long term performance. Underlayment plywood is the only grade recommended for this type of use. It is available with either interior or exterior type Ply-Grip glue, with touch sanded face, and in panels up to 5′ wide.

2·4·1 combination sub-floor and underlayment: With the use of 2·4·1, any floor covering . . . hardwood, tile, linoleum or carpeting . . . may be used without added underlayment material. Installation costs are reduced through the speedy application of large sized panels . . . plus the fact that framing members may be spaced at wider intervals. By combining subfloor and underlayment, one separate application cost is eliminated. Special veneer grades are used to provide a face favorable to a wide range of floor coverings. And you'll enjoy the comfortable feel of wood's natural resiliency under foot made possible with this 1⅛″ thick combination subfloor and underlayment plywood panel.

2·4·1 tongue and grooved: Available in interior and exterior, touch sanded, tongue and grooved 2 long edges only, or interior and exterior, touch sanded, tongue and grooved all 4 edges.

sizes: 4′ x 8′

grades: Special

ply and thickness: 7 ply 1⅛″

2·4·1 square edge: Available in interior and exterior panels, rough or touch sanded.

sizes: 4′ x 8′
grades: Special
ply and thickness: 7 ply 1⅛″

Texture One-Eleven: A highly distinctive vertical siding and interior paneling plywood with groovings on 4″ and/or 8″ centers. Ask your 4-Square lumber and plywood dealer about other groovings and sizes, and about shipments of 4″ multiples or combinations. Also available in brushed. Standard grade contains no patches, but tight knots up to 1½″, knot holes up to 1″ in the least dimension and splits up to ⅛″ are permitted on the face. Premium grade face veneers are free of open defects, but may have a maximum of five Raimann or boat patches.

sizes: 48⅜″ x 8′, 9′ & 10′
grades: Standard, Premium
ply and thickness: 5 ply ⅝″

C-C rough exterior: Especially designed for farm building construction. Available in panels 5′ wide.

sizes: 4′ x 8′, 9′ & 10′

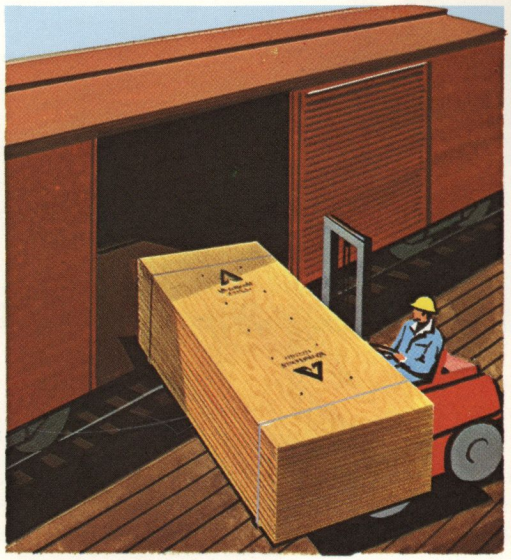
grades: C-C

ply and thickness: 3 ply 5/16″ & ⅜″; 5 ply ½″, ⅝″ & ¾″

unitized loading:

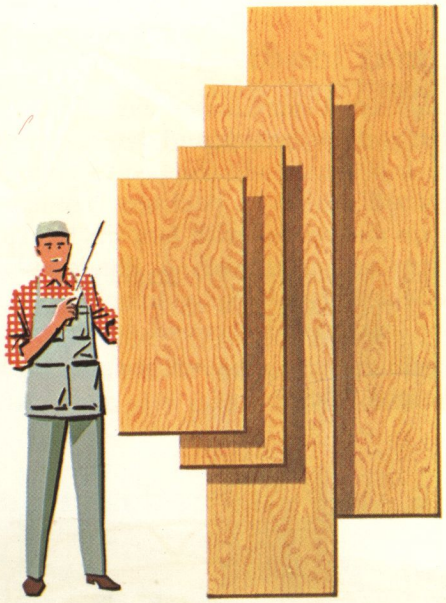
To insure that Weyerhaeuser sheathing plywoods are protected against shifting and damage during transit, they are unit loaded and shipped to 4-Square lumber and plywood dealers in packages banded with steel wire straps and spaced with fork lift bunks for mechanized loading and unloading. Sanded plywoods are also available in banded units upon request from your 4-Square lumber and plywood dealer.

Approximate unit sizes and weights for estimation are indicated below.



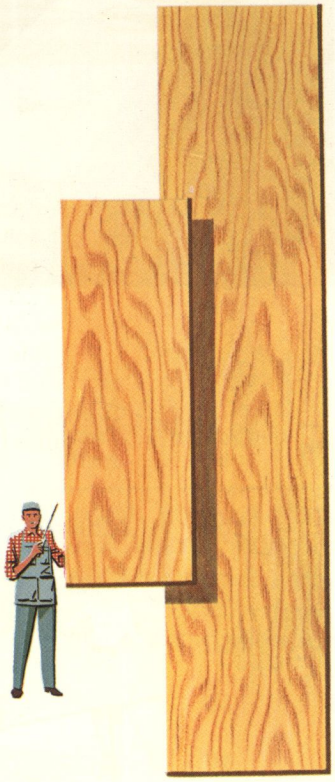
Thickness	Pieces per Unit	Footage per Unit	3/8″ Conversion	Approximate Weight per Units
5/16″	100	3,200	2,667	2,900#
3/8″	80	2,560	2,560	2,900#
1/2″	60	1,920	2,560	2,900#
5/8″	50	1,600	2,667	2,900#
3/4″	40	1,280	2,560	2,900#

specialty plywoods



small size panels

Here's another special service from your 4-Square lumber and plywood dealer . . . Weyerhaeuser small size panels, the 100% usable panel manufactured in the exact desired size for greater dollar savings. Application costs are reduced by eliminating the need for special trimming . . . and you'll enjoy quick, easy construction with a minimum of waste. Builders and home-owners alike use these panels for redecorating, interior cabinet work, and for such exterior projects as soffits, gable ends, and vertical siding. Inquire about these work saving panels at your 4-Square lumber and plywood dealer.

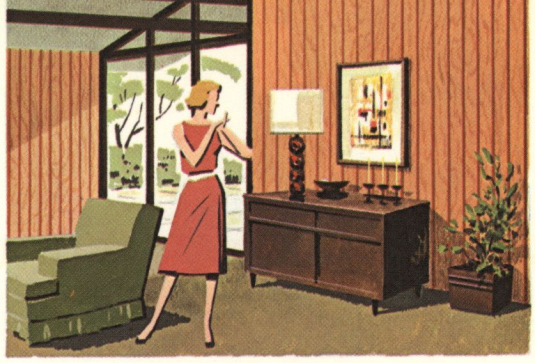


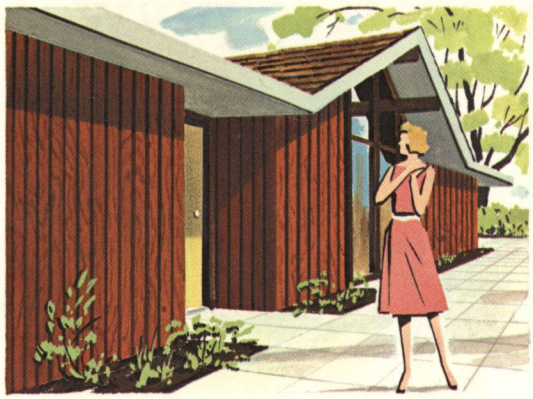
large size panels

Weyerhaeuser large-size, work speeding plywood panels simplify construction and make possible time and labor savings up to 50 and 75%. You'll find a wide variety of sizes . . . from 4′ x 11′ to the giant 5′ x 50′ panel, all available in good assortment of grades. These longer lengths are produced by a special scarfing process, and rigid Weyerhaeuser manufacturing specifications insure that the scarfing slope does not exceed 1 inch in 12 inches for maximum glue bonding strength. Large size panels are ideal for semi-industrial, industrial and commercial construction . . . may be used for boats, outdoor signs, trailer floors, box car linings, concrete form jobs, and for farm building and special maintenance.

Texture One-Eleven

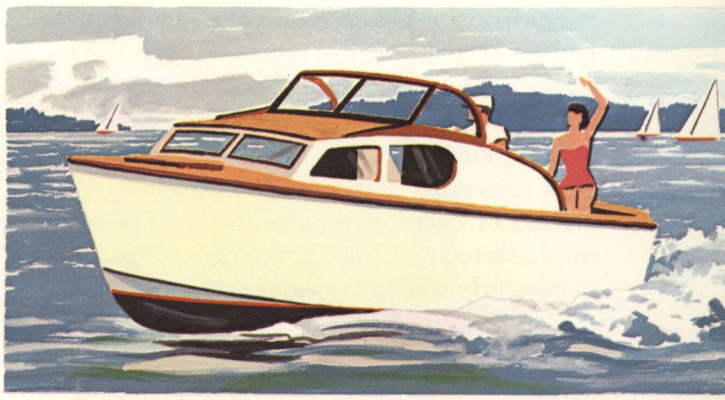
The crisp lines and natural wood texture of this versatile plywood make it adaptable for both interior paneling and exterior siding. Precision cut grooves add dramatic emphasis through soft shadow lines and contrasting highlights. Texture One-Eleven combines high style with strength, durability and economy . . . actually improves acoustical values. Use it for smart vertical siding . . . for accents on gable ends, fences and carports. Make your home come to life with Texture One-Eleven ceilings, paneled walls or "built-in" projects. Available in standard or premium grades . . . rough, sanded or brushed.





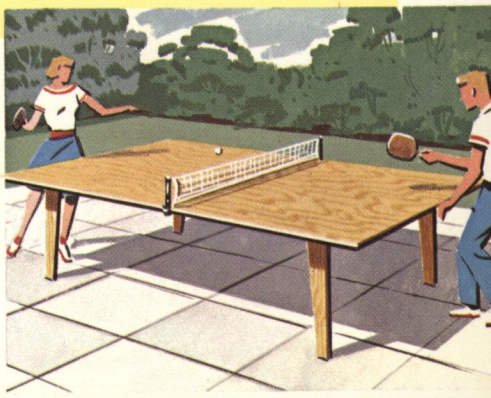
marine plywood

Light-weight, easy-to-cut panels of Weyerhaeuser marine grade plywood are respected by weekend mariners and professional boat builders alike. Rugged construction and superior strength give an extra margin of safety in heavy weather boating. Caulking and costly maintenance are reduced, and marine grade plywood is easily repaired or replaced. Weyerhaeuser specifications insure that no core gap exceeds 1/8 of an inch . . . that scarf joints slope no greater than 1 inch in 12 inches. This high-quality marine plywood is available at truly competitive prices.



utility table tops

Weyerhaeuser utility table tops and bases are designed for indoor and outdoor living . . . are perfect for use at picnics and large family gatherings . . . for model railroads or game tables . . . for display and lunch tables for churches, schools and industrial plants. These units are available full length or in two sections, packed in cartons complete with assembly instructions. Weyerhaeuser standard utility table bases are precision machined to fit together snugly without fastening . . . yet may be reinforced at important joints by simply adding screws or nails.



special services

In addition to a full line of plywoods, Weyerhaeuser offers such special services as "Dri-Shield" water repellent treatment . . . oil and edge seals . . . patterning for tongue and grooving, grooving for splines and shiplapping . . . prefinishing of hardwood plywoods and special layups for specified thicknesses and veneers.

decorative plywoods

embossed

Weyerhaeuser embossed plywood panels add depth and dimension to any architectural setting. Natural wood grains are accented with textured surfaces. You'll find such patterns as "Tweed" . . . adaptable to beautiful two-tone finishes, and an excellent choice where economy plus appearance are important . . . and "Cadence," a short and long dash pattern bringing motion to its textured surface.

"Striated" panels are most popular for accent walls and room dividers, presenting a parallel pattern of somewhat uneven ridges. These striated, scratched or ridgewood effects lend themselves to natural, tinted or unique painted finishes.

The criss-cross pattern of "Sketchwood" forms a myriad of distinctive patterns . . . adding dramatic emphasis to any home. This embossed pattern finishes particularly well in two-tone paint effects.

brushed

Weyerhaeuser "Brushed" plywood appears almost as a weathered etching. High speed brushing wheels form a relief-grain texture, yet burnish the surface in a smooth manner for easy finishing. May be finished natural, in two-tone painted effects, or with deep stain. For a striking effect,use a finish of ordinary shoe polish in black, tan or brown. This brushed pattern is also available in popular Texture One-Eleven for vertical siding or special interior paneling.

grooved

"Vee-grooved" plywood panels, available in a wide range of sizes, add an interesting variation to any room. Grooving pattern allows for concealed nailing and both 16 and 24 inch intervals. This panel is perfect for natural or painted finishes.

N (natural) faces

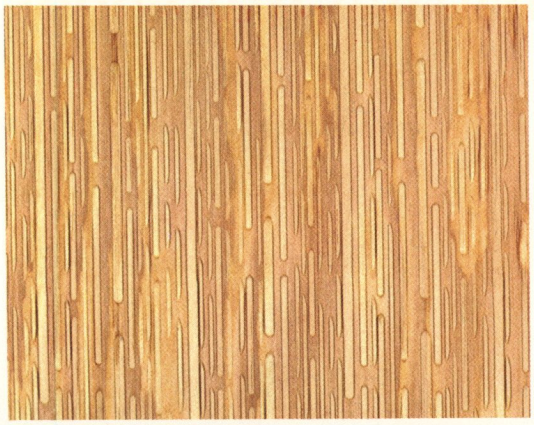
The highest quality veneers, matched for grain and color, are set aside for use in N (natural) face plywood panels . . . with a maximum of two choice veneers used for each panel face. These panels highlight the flame grain appearance of Douglas fir . . . are particularly well suited to "vee" grooving. N (natural) faces also lend themselves to those painted finishes so popular in Early American settings.

hardwood plywood

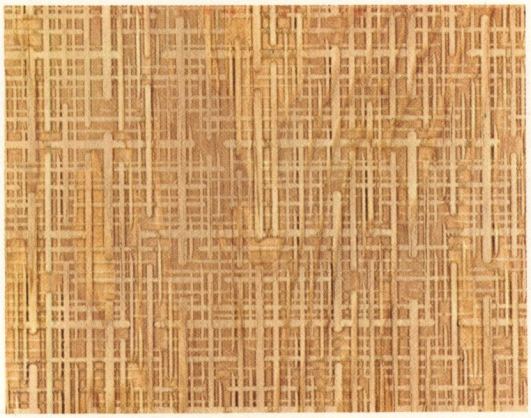
Weyerhaeuser Company, your complete plywood source, maintains a full line of hardwood plywoods, including natural Birch and the ever popular "Lauan" or Philippine Mahogany. Other hardwood plywoods available include Brown Ash, American Cherry, Eastern Rock Maple, Red Oak, White Oak, Teak and American Black Walnut.

Natural Birch

Cadence

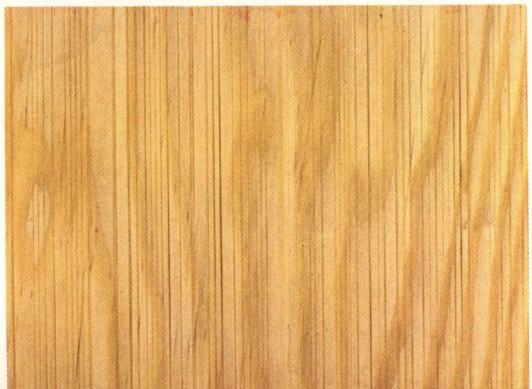


Tweed



Brushed

Striated



Build better and live better ...
with Weyerhaeuser 4-SQUARE® plywood

PERFORMANCE GUARANTEE

Weyerhaeuser 4-SQUARE Plyscord* Sheathing Plywood

Weyerhaeuser Plyscord Sheathing Plywood is an especially developed plywood material incorporating many outstanding features to assure maximum serviceability, along with durable, economical construction. Included among these special features are the exclusive Ply-Grip glue bond, careful manufacture and controlled veneer thicknesses.

The Weyerhaeuser Company guarantees that its Plyscord plywood sheathing will meet or surpass all the rigid requirements of the Douglas Fir Plywood Association.

In addition, Weyerhaeuser guarantees its Plyscord plywood sheathing against delamination under any of the following conditions:

1. Outdoor storage for one year when stored under tarpaulin and off the ground.
2. Outdoor storage for six months when off the ground but without protection.
3. For the life of the structure in which it is used, when such application and use is in accordance with generally recognized building practices.

This performance guarantee applies to all panels bearing the Weyerhaeuser 4-Square identification, combined with the DFPA Plyscord grademark. Should any panels of Weyerhaeuser 4-Square plywood sheathing, Plyscord grade, not comply with the above guarantee, replacement panels will be furnished without charge.

Weyerhaeuser Company
Lumber and Plywood Division

*"Plyscord" is a registered trademark of the Douglas Fir Plywood Association.

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